

## AMENDMENTS TO THE CLAIMS

1. - 20. (Canceled)

21. (Currently Amended) An isolated nucleic acid, ~~consisting of X nucleotides~~ wherein the sequence of the nucleic acid ~~comprises~~consists of:

(a) ~~Y consecutive nucleotides~~ the sequence of SEQ ID NO: 4641 or 4642;

(b) an RNA equivalent of (a); or

~~(c) a sequence at least 62.5% identical to (a) or (b); or~~

~~(d)(c)~~ the complement of any one of (a)-(c) or (b), wherein the complement is identical in length to the nucleic acid of (a) or (b)

~~\_\_\_\_\_ X = 18 to 24,~~

~~\_\_\_\_\_ Y ≥ 18, and~~

~~\_\_\_\_\_ X ≥ Y.~~

22. - 43 (Canceled)

44. (Currently Amended) A vector comprising the nucleic acid according to claim 21, ~~41, or 42.~~

45. - 49 (Canceled)

50. (New) A probe comprising the nucleic acid according to claim 21.

51. (New) An isolated nucleic acid, wherein the sequence of the nucleic acid consists of:

(a) the sequence of SEQ ID NO: 1916 or 1917;

(b) an RNA equivalent of (a); or

(c) the complement of (a) or (b), wherein the complement is identical in length to the nucleic acid of (a) or (b).

52. (New) A vector comprising the nucleic acid according to claim 51.

53. (New) A probe comprising the nucleic acid according to claim 51.